FIG. 1

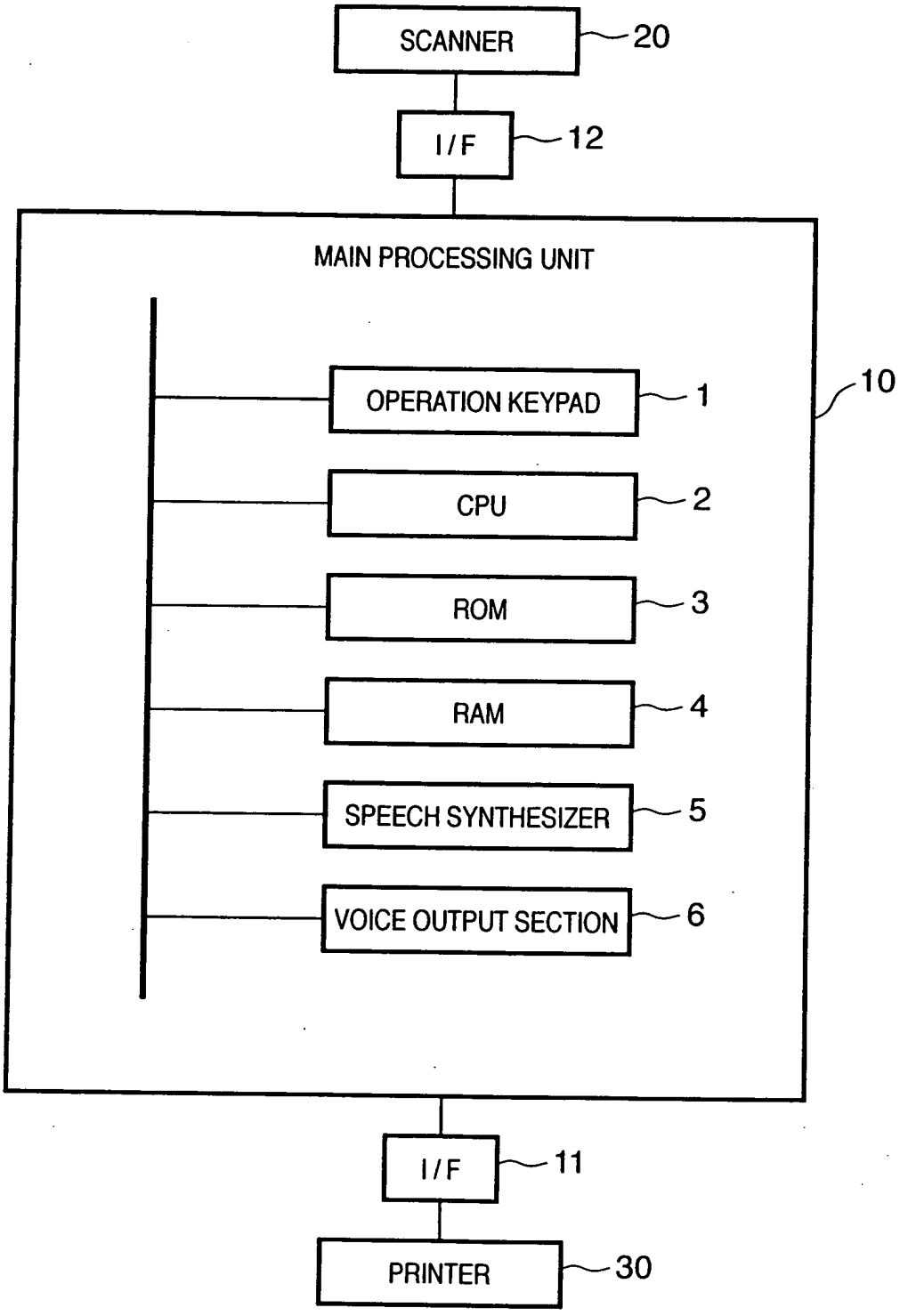

SCANNER
20
I/F
12
MAIN PROCESSING UNIT
10
OPERATION KEYPAD
1
CPU
2
ROM
3
RAM
4
SPEECH SYNTHESIZER
5
VOICE OUTPUT SECTION
6
I/F
11
PRINTER
30

FIG. 2

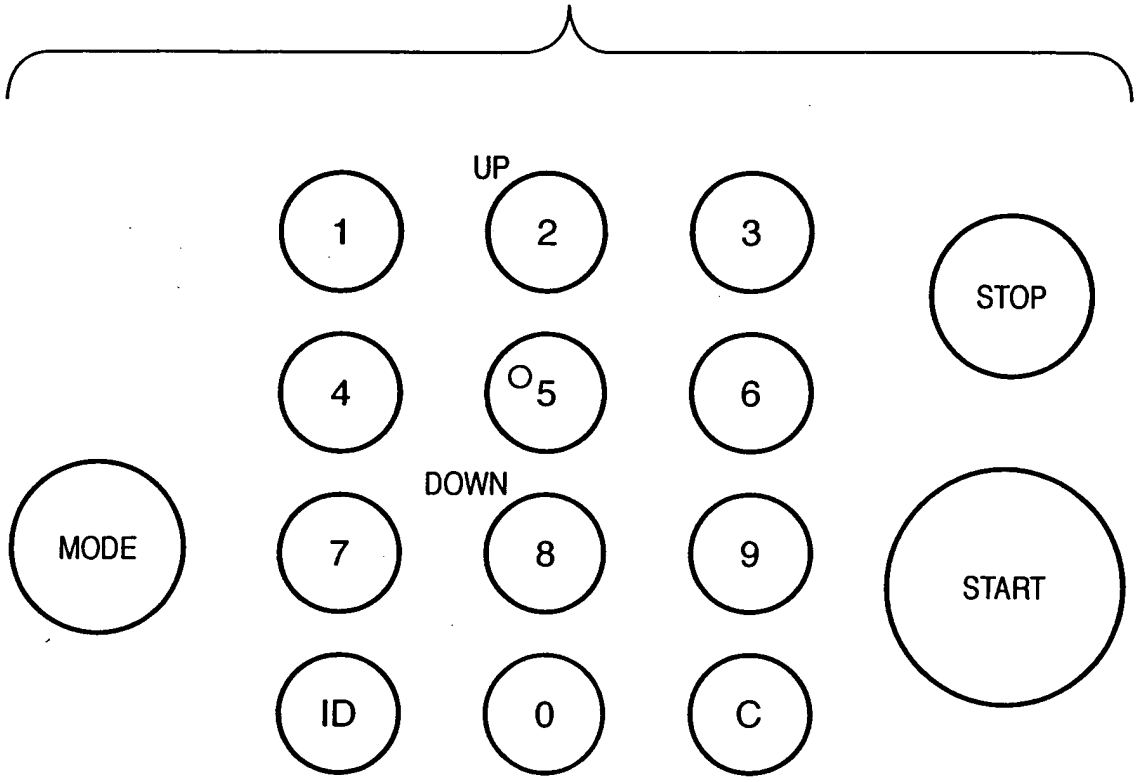


FIG. 3

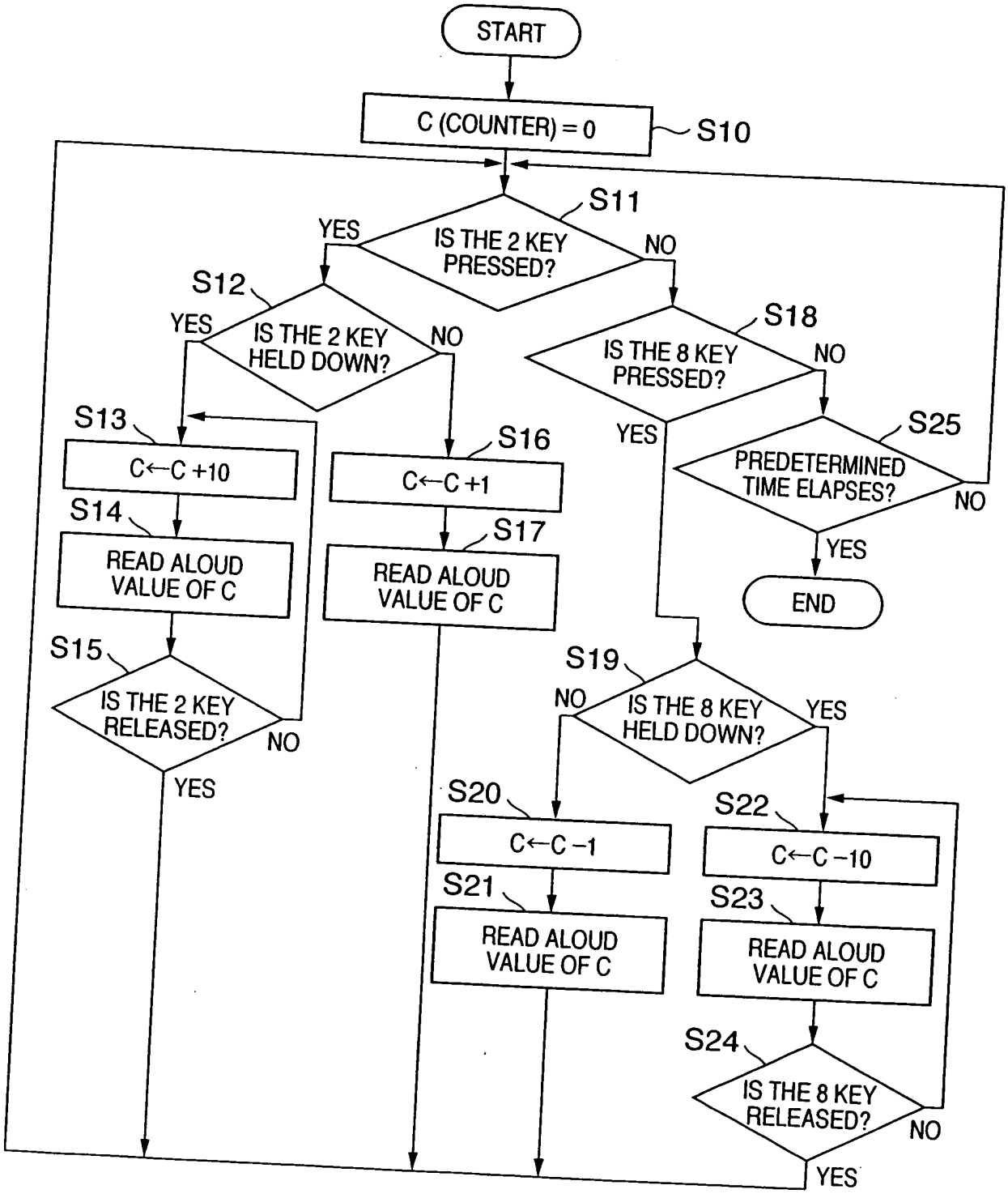

START
C (COUNTER) = 0
S10
S11
IS THE 2 KEY PRESSED?
YES
NO
S12
IS THE 2 KEY HELD DOWN?
YES
NO
S13
C←C +10
S14
READ ALOUD VALUE OF C
S15
IS THE 2 KEY RELEASED?
NO
YES
S16
C←C +1
S17
READ ALOUD VALUE OF C
S18
IS THE 8 KEY PRESSED?
NO
YES
S25
PREDETERMINED TIME ELAPSES?
NO
YES
END
S19
IS THE 8 KEY HELD DOWN?
NO
YES
S20
C←C −1
S21
READ ALOUD VALUE OF C
S22
C←C −10
S23
READ ALOUD VALUE OF C
S24
IS THE 8 KEY RELEASED?
NO
YES

FIG. 4

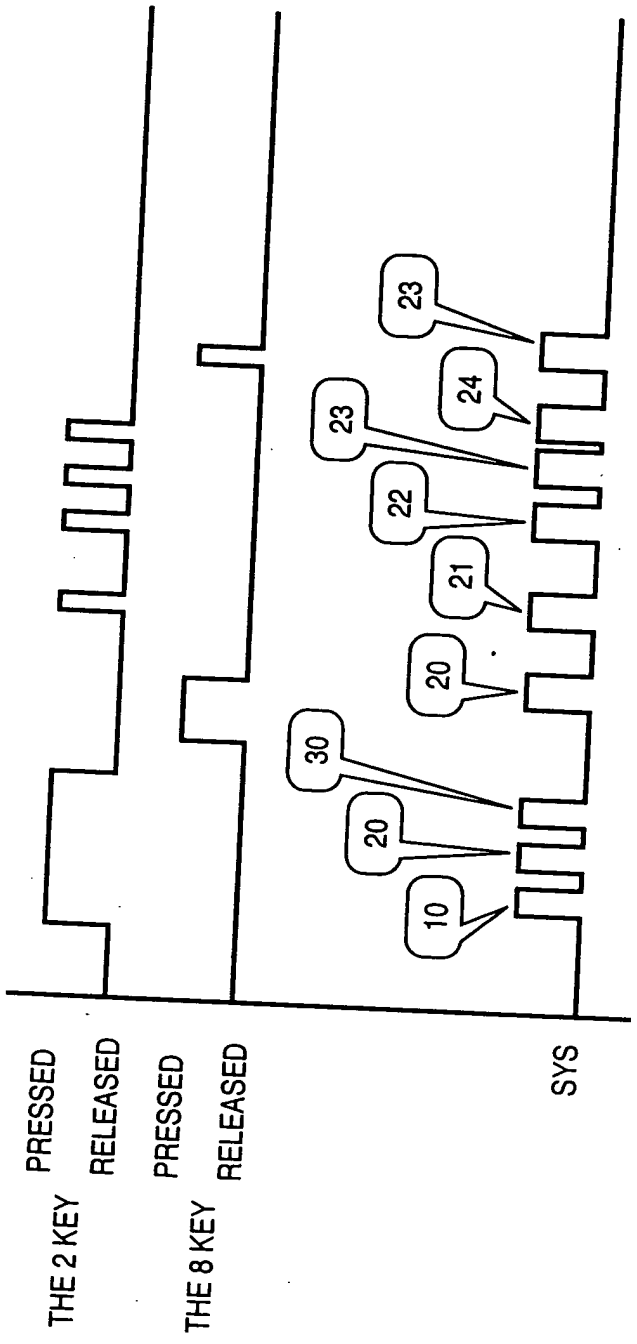

THE 2 KEY
PRESSED
RELEASED
THE 8 KEY
PRESSED
RELEASED
SYS
10
20
30
20
21
22
23
24
23

FIG. 5

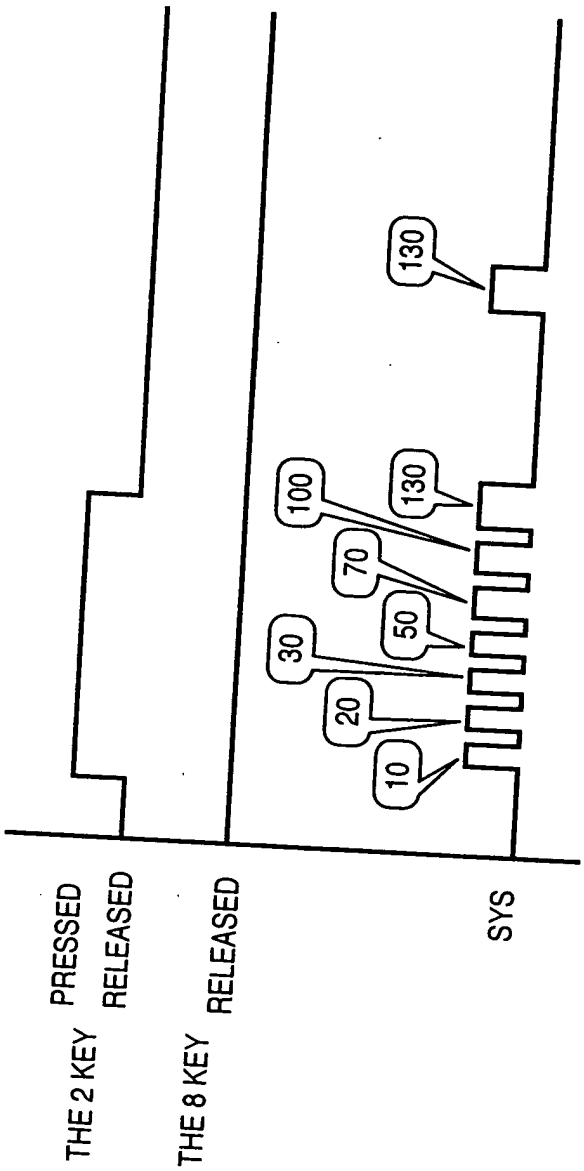

THE 2 KEY
PRESSED
RELEASED
THE 8 KEY
RELEASED
SYS
10
20
30
50
70
100
130
130

FIG. 6

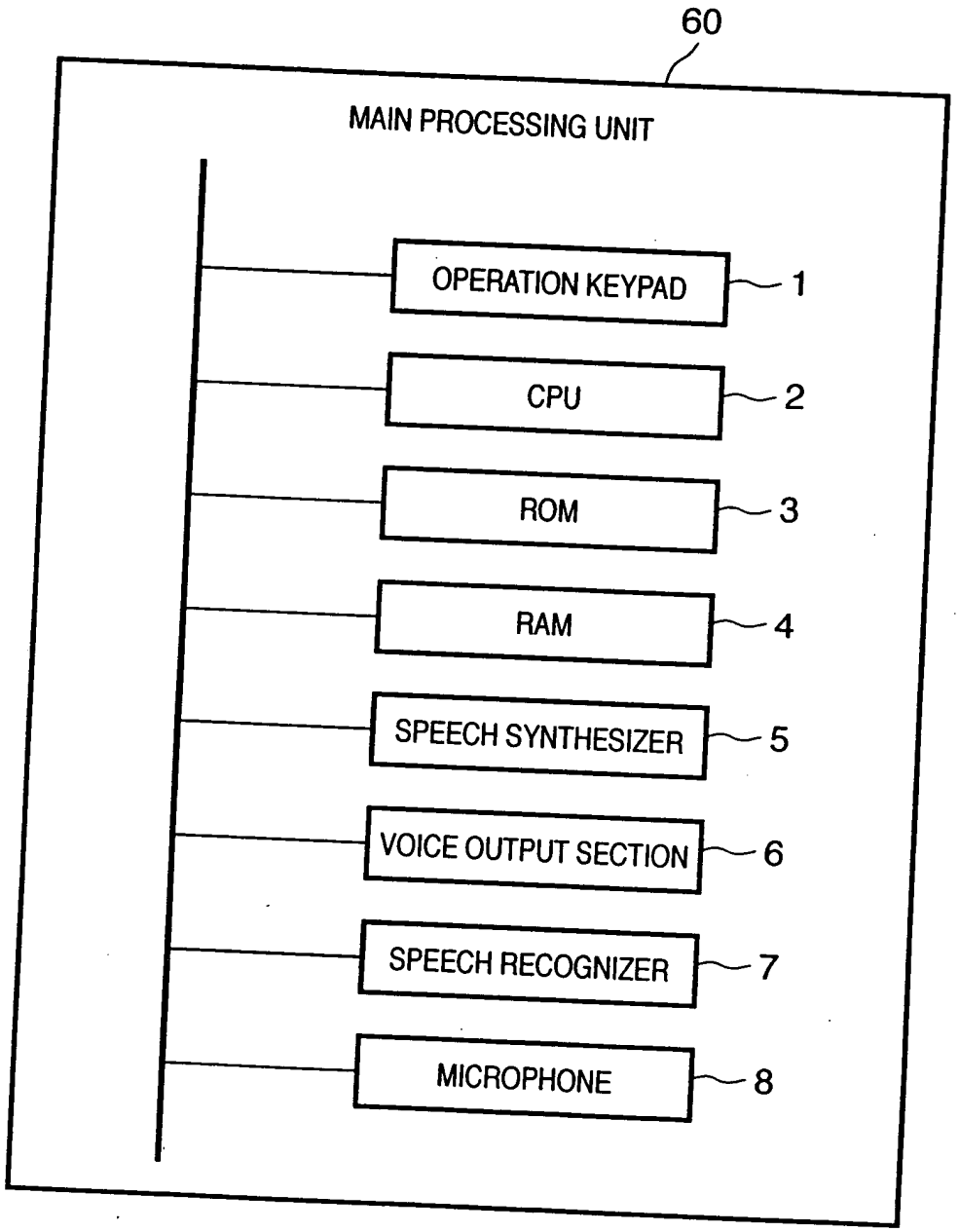
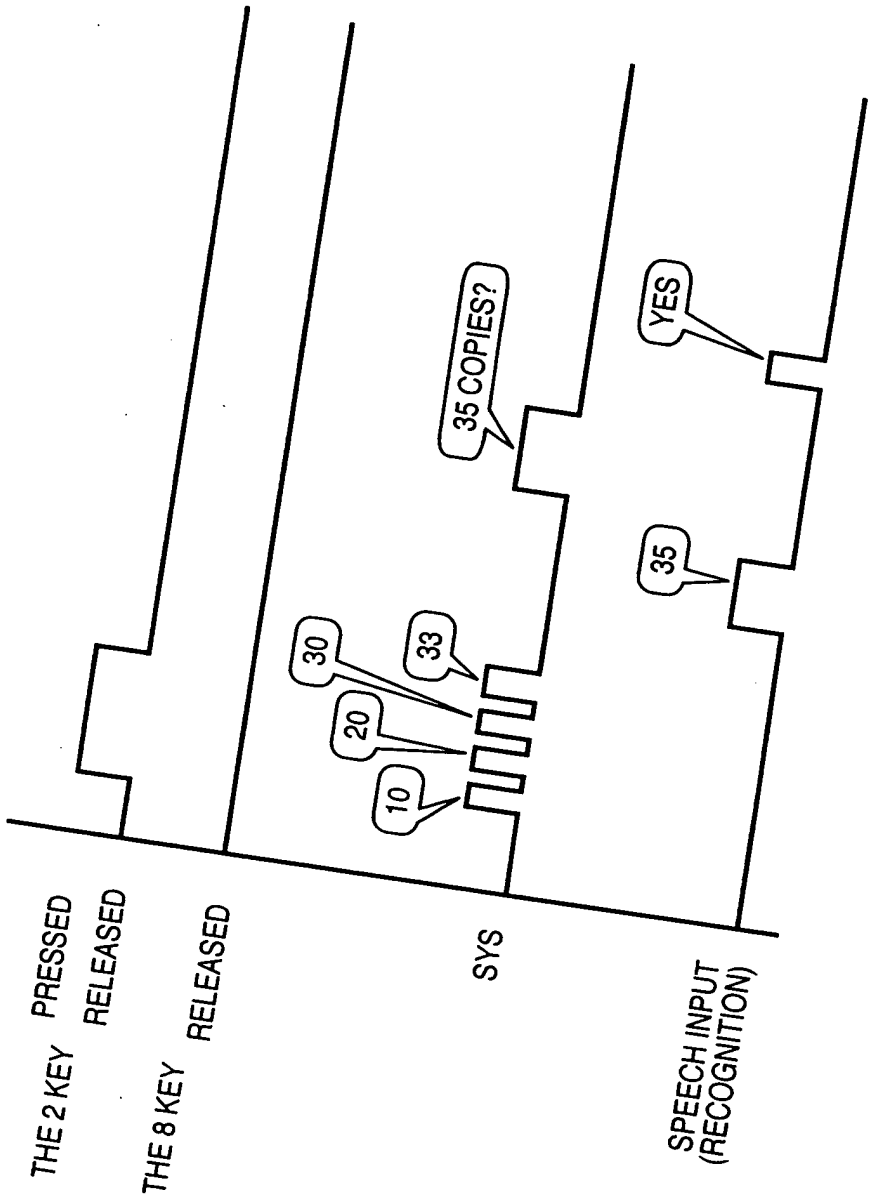

60
MAIN PROCESSING UNIT
OPERATION KEYPAD
1
CPU
2
ROM
3
RAM
4
SPEECH SYNTHESIZER
5
VOICE OUTPUT SECTION
6
SPEECH RECOGNIZER
7
MICROPHONE
8

FIG. 7


THE 2 KEY
PRESSED
RELEASED
THE 8 KEY
RELEASED
SYS
SPEECH INPUT
(RECOGNITION)
10
20
30
33
35 COPIES?
35
YES